BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
11	Providing Coursed rubble masonry (Second sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)										
	Sri Madivala Machideva Park										
	0.00	15.00		1	15.00			0.45	0.40	2.70	west side S to N
	15.00	18.50		0							MN GATE
	18.50	28.20		1	9.70			0.45	0.40	1.75	
	28.20	43.20		1	15.00			0.45	0.40	2.70	w to s
	43.20	58.20		1	15.00			0.45	0.40	2.70	
	58.20	73.20		1	15.00			0.45	0.40	2.70	
	73.20	88.20		1	15.00			0.45	0.40	2.70	
	88.20	103.20		1	15.00			0.45	0.40	2.70	
	103.20	111.30		1	8.10			0.45	0.40	1.46	
	111.30	114.30		0							gate
	114.30	129.30		1	15.00			0.45	0.40	2.70	
	129.30	135.10		1	5.80			0.45	0.40	1.04	
	135.10	150.10		1	15.00			0.45	0.40	2.70	N to S
	150.10	165.10		1	15.00			0.45	0.40	2.70	
	165.10	180.10		1	15.00			0.45	0.40	2.70	
	180.10	195.10		1	15.00			0.45	0.40	2.70	
	195.10	210.10		1	15.00			0.45	0.40	2.70	
	210.10	220.30		1	10.20			0.45	0.40	1.84	
	220.30	224.30		1	4.00			0.45	0.40	0.72	E to W
	224.30	227.10		0							GATE
	227.10	242.10		1	15.00			0.45	0.40	2.70	
	242.10	257.10		1	15.00			0.45	0.40	2.70	
	257.10	272.10		1	15.00			0.45	0.40	2.70	
	272.10	287.10		1	15.00			0.45	0.40	2.70	
	287.10	302.10		1	15.00			0.45	0.40	2.70	
	302.10	317.10		1	15.00			0.45	0.40	2.70	
	317.10	333.10		1	16.00			0.45	0.40	2.88	
	Unnikrishnan Park (cycle track)										
	0.00	15.00		1	15.00			0.45	0.40	2.70	
	15.00	30.00		1	15.00			0.45	0.40	2.70	
	30.00	45.00		1	15.00			0.45	0.40	2.70	
	45.00	60.00		1	15.00			0.45	0.40	2.70	
	60.00	75.00		1	15.00			0.45	0.40	2.70	
	75.00	90.00		1	15.00			0.45	0.40	2.70	
	90.00	104.50		1	14.50			0.45	0.40	2.61	
	mahayogi vemanna park										
	0.00	15.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	15.00	30.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	30.00	45.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	45.00	59.60		1	14.60	0.45	0.45	0.45	0.40	2.63	
	59.60	74.60		1	15.00	0.45	0.45	0.45	0.40	2.70	
	74.60	89.60		1	15.00	0.45	0.45	0.45	0.40	2.70	
	89.60	104.60		1	15.00	0.45	0.45	0.45	0.40	2.70	
	104.60	119.60		1	15.00	0.45	0.45	0.45	0.40	2.70	
	119.60	134.60		1	15.00	0.45	0.45	0.45	0.40	2.70	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

101.32

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	134.60	149.60		1	15.00	0.45	0.45	0.45	0.40	2.70	
	149.60	164.20		1	14.60	0.45	0.45	0.45	0.40	2.63	
	164.20	165.70		0	1.50	0.45	0.45	0.45	0.40	0.00	
	165.70	180.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	180.70	195.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	195.70	210.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	210.70	225.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	225.70	240.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	240.70	255.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	255.70	260.90		1	5.20	0.45	0.45	0.45	0.40	0.94	
	260.90	275.90		1	15.00	0.45	0.45	0.45	0.40	2.70	
	275.90	279.30		1	3.40	0.45	0.45	0.45	0.40	0.61	
	279.30	282.90		0	3.60	0.45	0.45	0.45	0.40	0.00	
	282.90	294.70		1	11.80	0.45	0.45	0.45	0.40	2.12	
	Unnikrishnan parlel park										
	0.00	15.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	15.00	30.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	30.00	32.70		1	2.70	0.45	0.45	0.45	0.40	0.49	
	32.70	47.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	47.70	62.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	62.70	77.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	77.70	92.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	92.70	107.70		1	15.00	0.45	0.45	0.45	0.40	2.70	
	107.70	118.80		1	11.10	0.45	0.45	0.45	0.40	2.00	
	118.80	122.45		0	3.65	0.45	0.45	0.45	0.40	0.00	
	122.45	137.45		1	15.00	0.45	0.45	0.45	0.40	2.70	
	137.45	152.45		1	15.00	0.45	0.45	0.45	0.40	2.70	
	152.45	167.45		1	15.00	0.45	0.45	0.45	0.40	2.70	
	167.45	182.45		1	15.00	0.45	0.45	0.45	0.40	2.70	
	182.45	185.55		1	3.10	0.45	0.45	0.45	0.40	0.56	
	185.55	200.55		1	15.00	0.45	0.45	0.45	0.40	2.70	
	200.55	215.55		1	15.00	0.45	0.45	0.45	0.40	2.70	
	215.55	230.55		1	15.00	0.45	0.45	0.45	0.40	2.70	
	230.55	245.55		1	15.00	0.45	0.45	0.45	0.40	2.70	
	245.55	251.55		1	6.00	0.45	0.45	0.45	0.40	1.08	
	Rajarathnao park										
	0.00	15.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	15.00	30.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	30.00	45.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	45.00	60.00		1	15.00	0.45	0.45	0.45	0.40	2.70	
	60.00	73.10		1	13.10	0.45	0.45	0.45	0.40	2.36	
	73.10	88.10		1	15.00	0.45	0.45	0.45	0.40	2.70	
	88.10	103.10		1	15.00	0.45	0.45	0.45	0.40	2.70	
	103.10	114.40		1	11.30	0.45	0.45	0.45	0.40	2.03	
	114.40	120.00		1	5.60	0.45	0.45	0.45	0.40	1.01	
	120.00	123.50		1	3.50	0.45	0.45	0.45	0.40	0.63	
	123.50	126.15		0	2.65	0.45	0.45	0.45	0.40	0.00	

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

Pre Measurements

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	Chainage										
	126.15	141.15		1	15.00	0.45	0.45	0.45	0.40	2.70	
	141.15	156.15		1	15.00	0.45	0.45	0.45	0.40	2.70	
	156.15	171.15		1	15.00	0.45	0.45	0.45	0.40	2.70	
	171.15	178.40		1	7.25	0.45	0.45	0.45	0.40	1.31	
	rajarathna park road side drain										
	0.00	15.00		1	15.00	0.60	0.60	0.60	0.40	3.60	
	15.00	30.00		1	15.00	0.60	0.60	0.60	0.40	3.60	
	30.00	45.00		1	15.00	0.60	0.60	0.60	0.40	3.60	
	45.00	60.00		1	15.00	0.60	0.60	0.60	0.40	3.60	
	60.00	75.00		1	15.00	0.60	0.60	0.60	0.40	3.60	
	75.00	87.00		1	12.00	0.60	0.60	0.60	0.40	2.88	
	0.00	13.90		1	13.90	0.45	0.45	0.45	0.40	2.50	
	Deduction of pole concrete										
	mahayogi vemanna			80				0.45	0.60	-21.60	
	Unnikrishnan park			68				0.45	0.60	-18.36	
	Rajarathnao park			55				0.45	0.60	-14.85	
	madivala machideva			92				0.45	0.60	-24.84	
								Total		119.21	

Asst Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

Pre Measurements

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
12	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (KWPD 2021-22, V-I, Item No.2.1.3, Page No.15)										
	Sri Madivala Machideva Park										
	Coping for SSM										
	0.00	15.00		1	15.00			0.45	0.10	0.68	west side S to N
	15.00	18.50		1	3.50			0.45	0.10	0.16	MN GATE
	18.50	28.20		1	9.70			0.45	0.10	0.44	
	28.20	43.20		1	15.00			0.45	0.10	0.68	w to s
	43.20	58.20		1	15.00			0.45	0.10	0.68	
	58.20	73.20		1	15.00			0.45	0.10	0.68	
	73.20	88.20		1	15.00			0.45	0.10	0.68	
	88.20	103.20		1	15.00			0.45	0.10	0.68	
	103.20	111.30		1	8.10			0.45	0.10	0.36	
	111.30	114.30		1	3.00			0.45	0.10	0.14	gate
	114.30	129.30		1	15.00			0.45	0.10	0.68	
	129.30	135.10		1	5.80			0.45	0.10	0.26	
	135.10	150.10		1	15.00			0.45	0.10	0.68	N to S
	150.10	165.10		1	15.00			0.45	0.10	0.68	
	165.10	180.10		1	15.00			0.45	0.10	0.68	
	180.10	195.10		1	15.00			0.45	0.10	0.68	
	195.10	210.10		1	15.00			0.45	0.10	0.68	
	210.10	220.30		1	10.20			0.45	0.10	0.46	
	220.30	224.30		1	4.00			0.45	0.10	0.18	E to W
	224.30	227.10		1	2.80			0.45	0.10	0.13	GATE
	227.10	242.10		1	15.00			0.45	0.10	0.68	
	242.10	257.10		1	15.00			0.45	0.10	0.68	
	257.10	272.10		1	15.00			0.45	0.10	0.68	
	272.10	287.10		1	15.00			0.45	0.10	0.68	
	287.10	302.10		1	15.00			0.45	0.10	0.68	
	302.10	317.10		1	15.00			0.45	0.10	0.68	
	317.10	333.10		1	16.00			0.45	0.10	0.72	
	Unnikrishnan Park (cycle track)										
	For Coping										
	0.00	15.00		1	15.00			0.45	0.10	0.68	
	15.00	30.00		1	15.00			0.45	0.10	0.68	
	30.00	45.00		1	15.00			0.45	0.10	0.68	
	45.00	60.00		1	15.00			0.45	0.10	0.68	
	60.00	75.00		1	15.00			0.45	0.10	0.68	
	75.00	90.00		1	15.00			0.45	0.10	0.68	
	90.00	104.50		1	14.50			0.45	0.10	0.65	
										19.69	

Asst Executive Engineer
Division
Dasarahalli Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer 25/10

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	For Culvert Ramp			2	6.80			0.90	0.20	2.45	
				2	4.20			0.90	0.20	1.51	
				2	7.50			0.90	0.20	2.70	
	Vent Concret										
	SSM Drain										
	0.00	15.00		1	15.00			0.70	0.15	1.58	
	15.00	30.00		1	15.00			0.70	0.15	1.58	
	30.00	45.00		1	15.00			0.70	0.15	1.58	
	45.00	57.00		1	12.00			0.70	0.15	1.26	
	mahayogi vemanna										
	0.00	15.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	15.00	30.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	30.00	45.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	45.00	59.60		1	14.60	0.45	0.45	0.45	0.10	0.66	
	59.60	74.60		1	15.00	0.45	0.45	0.45	0.10	0.68	
	74.60	89.60		1	15.00	0.45	0.45	0.45	0.10	0.68	
	89.60	104.60		1	15.00	0.45	0.45	0.45	0.10	0.68	
	104.60	119.60		1	15.00	0.45	0.45	0.45	0.10	0.68	
	119.60	134.60		1	15.00	0.45	0.45	0.45	0.10	0.68	
	134.60	149.60		1	15.00	0.45	0.45	0.45	0.10	0.68	
	149.60	164.20		1	14.60	0.45	0.45	0.45	0.10	0.66	
	164.20	165.70		1	1.50	0.45	0.45	0.45	0.10	0.07	GATE
	165.70	180.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	180.70	195.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	195.70	210.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	210.70	225.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	225.70	240.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	240.70	255.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	255.70	260.90		1	5.20	0.45	0.45	0.45	0.10	0.23	
	260.90	275.90		1	15.00	0.45	0.45	0.45	0.10	0.68	
	275.90	279.30		1	3.40	0.45	0.45	0.45	0.10	0.15	
	279.30	282.90		1	3.60	0.45	0.45	0.45	0.10	0.16	
	282.90	294.70		1	11.80	0.45	0.45	0.45	0.10	0.53	GATE
	Rajarathnao park										
	LHS										
	SSM Drain coping										
	0.00	15.00		1	15.00	0.60	0.60	0.60	0.10	0.90	
	15.00	30.00		1	15.00	0.60	0.60	0.60	0.10	0.90	
	30.00	45.00		1	15.00	0.60	0.60	0.60	0.10	0.90	
	45.00	60.00		1	15.00	0.60	0.60	0.60	0.10	0.90	
	60.00	75.00		1	15.00	0.60	0.60	0.60	0.10	0.90	
	75.00	87.00		1	12.00	0.60	0.60	0.60	0.10	0.72	
	0.00	13.90		1	13.90	0.45	0.45	0.45	0.10	0.63	
	vent concrete										
	0.00	15.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	15.00	30.00		1	15.00	0.60	0.60	0.60	0.15	1.35	

Asst. Executive Engineer
Yelahanka Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	Chainage										
	30.00	45.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	45.00	60.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	60.00	75.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	75.00	87.00		1	12.00	0.60	0.60	0.60	0.15	1.08	
	mahayogi vemanna										
	vent concrete										
	0.00	15.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	15.00	30.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	30.00	45.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	45.00	61.70		1	16.70	0.60	0.60	0.60	0.15	1.50	
	Unnikrishnan parlel park										
	0.00	15.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	15.00	30.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	30.00	32.70		1	2.70	0.45	0.45	0.45	0.10	0.12	
	32.70	47.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	47.70	62.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	62.70	77.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	77.70	92.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	92.70	107.70		1	15.00	0.45	0.45	0.45	0.10	0.68	
	107.70	118.80		1	11.10	0.45	0.45	0.45	0.10	0.50	
	118.80	122.45		1	3.65	0.45	0.45	0.45	0.10	0.16	GATE
	122.45	137.45		1	15.00	0.45	0.45	0.45	0.10	0.67	
	137.45	152.45		1	15.00	0.45	0.45	0.45	0.10	0.68	
	152.45	167.45		1	15.00	0.45	0.45	0.45	0.10	0.68	
	167.45	182.45		1	15.00	0.45	0.45	0.45	0.10	0.68	
	182.45	185.55		1	3.10	0.45	0.45	0.45	0.10	0.14	
	185.55	200.55		1	15.00	0.45	0.45	0.45	0.10	0.68	
	200.55	215.55		1	15.00	0.45	0.45	0.45	0.10	0.68	
	215.55	230.55		1	15.00	0.45	0.45	0.45	0.10	0.68	
	230.55	245.55		1	15.00	0.45	0.45	0.45	0.10	0.68	
	245.55	251.55		1	6.00	0.45	0.45	0.45	0.10	0.27	
	Rajarathnao park										
	0.00	15.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	15.00	30.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	30.00	45.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	45.00	60.00		1	15.00	0.45	0.45	0.45	0.10	0.68	
	60.00	73.10		1	13.10	0.45	0.45	0.45	0.10	0.59	
	73.10	88.10		1	15.00	0.45	0.45	0.45	0.10	0.68	
	88.10	103.10		1	15.00	0.45	0.45	0.45	0.10	0.68	
	103.10	114.40		1	11.30	0.45	0.45	0.45	0.10	0.51	
	114.40	120.00		1	5.60	0.45	0.45	0.45	0.10	0.25	
	120.00	123.50		1	3.50	0.45	0.45	0.45	0.10	0.16	
	123.50	126.15		0	2.65	0.45	0.45	0.45	0.10	0.00	

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	126.15	141.15		1	15.00	0.45	0.45	0.45	0.10	0.67	
	141.15	156.15		1	15.00	0.45	0.45	0.45	0.10	0.68	
	156.15	171.15		1	15.00	0.45	0.45	0.45	0.10	0.68	
	171.15	178.40		1	7.25	0.45	0.45	0.45	0.10	0.33	
	bus shelter										
	Attur bus stop yalahanka										
	for flooring			1	11.80			3.00	0.10	3.54	
	krishna oil mill bus stop										
	for flooring			1	11.80			3.00	0.10	3.54	
	NCC Appartment doddaballapur main road bus										
	for flooring			1	11.80			3.00	0.10	3.54	
	shivamandir bus stop										
	for flooring			1	11.80			3.00	0.10	3.54	
	mahayogi vemanna			80				0.45	0.60	21.60	
	Unnikrishnan park			68				0.45	0.60	18.36	
	Rajarathnao park			55				0.45	0.60	14.85	
	madivala machideva			92				0.45	0.60	24.84	
									Total	177.87	cum

88.70

Limit to 90.31

Asst. Engineer
Vidhana Soudha Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer 8/10

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
13	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I,										
	Raft Concrete										
	For Culvert			1	6.80			1.10	0.20	1.50	
				1	4.20			1.10	0.20	0.92	
				1	7.50			1.10	0.20	1.65	
	Wall Concrete										
	Culvert			2	6.80			0.25	0.90	3.06	
				2	4.20			0.25	0.90	1.89	
				2	7.50			0.25	0.90	3.38	
	Deck Slab For Culvert			1	6.80			1.20	0.20	1.63	
				1	4.20			1.20	0.20	1.01	
				1	7.50			1.20	0.20	1.80	
	Rajarathnao park										
	vent concrete										
	0.00	15.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	15.00	30.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	30.00	45.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	45.00	60.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	60.00	75.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	75.00	87.00		1	12.00	0.60	0.60	0.60	0.15	1.08	
	mahayogi vemanna										
	vent concrete										
	0.00	15.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	15.00	30.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	30.00	45.00		1	15.00	0.60	0.60	0.60	0.15	1.35	
	45.00	61.70		1	16.70	0.60	0.60	0.60	0.15	1.50	
									Total	**30.22**	Cum

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

14	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. (KWPD 2021-22, V-III, Item No.13.1, Page No.99) Issue Rates as on 08.04.2022

BAR-BENDING SCHEDULE

Sl.No	Descriptions	Shape	Dia. of Bar,mm		Nos	Length of Bar	Spacing	Length in Opp	No.of Bars	Total Length	Wt. in Kg/m	Total Wt. in kg	Total Weight in MT
1	**culvert01**									138.00		122.82	
	Main BAR		12		1	3.000	0.150	6.80	46	139.000	0.889	123.556	0.124
	Distribution Bar		12		1	6.800	0.150	2.90	8	54.400	0.889	48.356	0.048
	deck slab												
	Main BAR		12		1	1.000	0.150	6.80	92	91.667	0.889	81.481	0.081
	Distribution Bar		12		1	6.800	0.150	2.90	8	54.400	0.889	48.356	0.048
2	**culvert02**												
	Main BAR		12		1	3.000	0.150	4.20	29	87.000	0.889	77.333	0.077
	Distribution Bar		12		1	4.200	0.150	2.90	8	33.600	0.889	29.867	0.030
	deck slab												
	Main BAR		12		1	1.000	0.150	4.20	57	57.000	0.889	50.667	0.051
	Distribution Bar		12		1	4.200	0.150	2.90	8	33.600	0.889	29.867	0.030
3	**culvert03**												
	Main BAR		12		1	3.000	0.150	7.50	101	303.000	0.889	269.333	0.269
	Distribution Bar		12		1	7.500	0.150	2.90	8	60.000	0.889	53.333	0.053
	deck slab												
	Main BAR		12		1	1.000	0.150	7.50	101	101.000	0.889	89.778	0.090
	Distribution Bar		12		1	7.500	0.150	2.90	8	60.000	0.889	53.333	0.053
5	cycle track												
	Main BAR		12		1	2.000	0.150	104.50	698	1395.333	0.889	1240.296	1.240
	Distribution Bar		10		1	104.500	0.150	2.00	10	1045.000	0.617	645.062	0.645
6	Binding wire 5%											**2840.62**	**2.84**
7	Laping & Westage 5 %											42.61	0.14
												142.03	0.14
											Total	**3025.26**	**3.12**

Contractor

THEJUS CONSULTANTS BBMP Consultant

Assistant Engineer 22/10

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Assistant Executive Engineer

30.00 45.00

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
16	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications (KPWD SR 2021-22, Volume-I, Item No.1.10, Page No.7)										
	Sri Madivala Machideva Park										
	0.00	15.00		2	15.00			0.15	0.20	0.90	
	15.00	18.50		2	3.50			0.15	0.20	0.21	
	18.50	28.20		2	9.70			0.15	0.20	0.58	
	28.20	43.20		2	15.00			0.15	0.20	0.90	
	43.20	58.20		2	15.00			0.15	0.20	0.90	
	58.20	73.20		2	15.00			0.15	0.20	0.90	
	73.20	88.20		2	15.00			0.15	0.20	0.90	
	88.20	103.20		2	15.00			0.15	0.20	0.90	
	103.20	111.30		2	8.10			0.15	0.20	0.49	
	111.30	114.30		2	3.00			0.15	0.20	0.18	
	114.30	129.30		2	15.00			0.15	0.20	0.90	
	129.30	135.10		2	5.80			0.15	0.20	0.35	
	135.10	150.10		2	15.00			0.15	0.20	0.90	
	150.10	165.10		2	15.00			0.15	0.20	0.90	
	165.10	180.10		2	15.00			0.15	0.20	0.90	
	180.10	195.10		2	15.00			0.15	0.20	0.90	
	195.10	210.10		2	15.00			0.15	0.20	0.90	
	210.10	220.30		2	10.20			0.15	0.20	0.61	
	220.30	224.30		2	4.00			0.15	0.20	0.24	
	224.30	227.10		2	2.80			0.15	0.20	0.17	
	227.10	242.10		2	15.00			0.15	0.20	0.90	
	242.10	257.10		2	15.00			0.15	0.20	0.90	
	257.10	272.10		2	15.00			0.15	0.20	0.90	
	272.10	287.10		2	15.00			0.15	0.20	0.90	
	287.10	302.10		2	15.00			0.15	0.20	0.90	
	302.10	317.10		2	15.00			0.15	0.20	0.90	
	317.10	333.10		2	16.00			0.15	0.20	0.96	
	Unnikrishnan Park (cycle track)										
	0.00	15.00		2	15.00			0.45	0.20	2.70	
	15.00	30.00		2	15.00			0.45	0.20	2.70	
	30.00	45.00		2	15.00			0.45	0.20	2.70	
	45.00	60.00		2	15.00			0.45	0.20	2.70	
	60.00	75.00		2	15.00			0.45	0.20	2.70	
	75.00	90.00		2	15.00			0.45	0.20	2.70	
	90.00	104.50		2	14.50			0.45	0.20	2.61	
	Sri Madivala Machideva Park										
	0.00	15.00		2.00	15.00			0.20	0.40	2.40	
	15.00	18.50		2.00	3.50			0.20	0.40	0.56	
	18.50	28.20		2.00	9.70			0.20	0.40	1.55	
	28.20	43.20		2.00	15.00			0.20	0.40	2.40	
	43.20	58.20		2.00	15.00			0.20	0.40	2.40	
	58.20	73.20		2.00	15.00			0.20	0.40	2.40	

Contractor

Consultant

Assistant Engineer 23/10

Assistant Executive Engineer

Assistant Engineer
Division
Yelahanka Zone
BBMP, Bangalore - 92

50.51

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	Chainage										
	73.20	88.20		2.00	15.00			0.20	0.40	2.40	
	88.20	103.20		2.00	15.00			0.20	0.40	2.40	
	103.20	111.30		2.00	8.10			0.20	0.40	1.30	
	111.30	114.30		2.00	3.00			0.20	0.40	0.48	
	114.30	129.30		2.00	15.00			0.20	0.40	2.40	
	129.30	135.10		2.00	5.80			0.20	0.40	0.93	
	135.10	150.10		2.00	15.00			0.20	0.40	2.40	
	150.10	165.10		2.00	15.00			0.20	0.40	2.40	
	165.10	180.10		2.00	15.00			0.20	0.40	2.40	
	180.10	195.10		2.00	15.00			0.20	0.40	2.40	
	195.10	210.10		2.00	15.00			0.20	0.40	2.40	
	210.10	220.30		2.00	10.20			0.20	0.40	2.40	
	220.30	224.30		2.00	4.00			0.20	0.40	1.63	
	224.30	227.10		2.00	2.80			0.20	0.40	0.64	
	227.10	242.10		2.00	15.00			0.20	0.40	0.45	
	242.10	257.10		2.00	15.00			0.20	0.40	2.40	
	257.10	272.10		2.00	15.00			0.20	0.40	2.40	
	272.10	287.10		2.00	15.00			0.20	0.40	2.40	
	287.10	302.10		2.00	15.00			0.20	0.40	2.40	
	302.10	317.10		2.00	15.00			0.20	0.40	2.40	
	317.10	333.10		2.00	16.00			0.20	0.40	2.56	
	Unnikrishnan Park (cycle track)										
	0.00	15.00		2.00	15.00			0.20	0.40	2.40	
	15.00	30.00		2.00	15.00			0.20	0.40	2.40	
	30.00	45.00		2.00	15.00			0.20	0.40	2.40	
	45.00	60.00		2.00	15.00			0.20	0.40	2.40	
	60.00	75.00		2.00	15.00			0.20	0.40	2.40	
	75.00	90.00		2.00	15.00			0.20	0.40	2.40	
	90.00	104.50		2.00	14.50			0.20	0.40	2.32	
	For Culvert										
				2	6.80			0.20	1.10	2.99	
				2	4.20			0.20	1.10	1.85	
				2	7.50			0.20	1.10	3.30	
	SSM Drain										
	0.00	15.00		2	15.00			0.20	0.85	5.10	
	15.00	30.00		2	15.00			0.20	0.85	5.10	
	30.00	45.00		2	15.00			0.20	0.85	5.10	
	45.00	57.00		2	12.00			0.20	0.85	4.08	
	below ground level										
	mahayogi vemanna										
	1st coarse										
	0.00	15.00		2	15.00			0.15	0.20	0.90	
	15.00	30.00		2	15.00			0.15	0.20	0.90	
	30.00	45.00		2	15.00			0.15	0.20	0.90	
	45.00	59.60		2	14.60			0.15	0.20	0.88	
	59.60	74.60		2	15.00			0.15	0.20	0.90	
	74.60	89.60		2	15.00			0.15	0.20	0.90	

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer 2/11

Assistant Exexutive Engineer

BOQ Item No	Description - Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	89.60	104.60		2	15.00			0.15	0.20	0.90	
	104.60	119.60		2	15.00			0.15	0.20	0.90	
	119.60	134.60		2	15.00			0.15	0.20	0.90	
	134.60	149.60		2	15.00			0.15	0.20	0.90	
	149.60	164.20		2	14.60			0.15	0.20	0.88	
	164.20	165.70		0							
	165.70	180.70		2	15.00			0.15	0.20	0.90	
	180.70	195.70		2	15.00			0.15	0.20	0.90	
	195.70	210.70		2	15.00			0.15	0.20	0.90	
	210.70	225.70		2	15.00			0.15	0.20	0.90	
	225.70	240.70		2	15.00			0.15	0.20	0.90	
	240.70	255.70		2	15.00			0.15	0.20	0.90	
	255.70	260.90		2	5.20			0.15	0.20	0.31	
	260.90	275.90		2	15.00			0.15	0.20	0.90	
	275.90	279.30		2	3.40			0.15	0.20	0.20	
	279.30	282.90		0							
	282.90	294.70		2	11.80			0.15	0.20	0.71	
	Unnikrishnan park										
	0.00	15.00		2	15.00			0.15	0.20	0.90	
	15.00	30.00		2	15.00			0.15	0.20	0.90	
	30.00	32.70		2	2.70			0.15	0.20	0.16	
	32.70	47.70		2	15.00			0.15	0.20	0.90	
	47.70	62.70		2	15.00			0.15	0.20	0.90	
	62.70	77.70		2	15.00			0.15	0.20	0.90	
	77.70	92.70		2	15.00			0.15	0.20	0.90	
	92.70	107.70		2	15.00			0.15	0.20	0.90	
	107.70	118.80		2	11.10			0.15	0.20	0.67	
	118.80	122.45		0	3.65			0.15	0.20	0.00	
	122.45	137.45		2	15.00			0.15	0.20	0.90	
	137.45	152.45		2	15.00			0.15	0.20	0.90	
	152.45	167.45		2	15.00			0.15	0.20	0.90	
	167.45	182.45		2	15.00			0.15	0.20	0.90	
	182.45	185.55		2	3.10			0.15	0.20	0.19	
	185.55	200.55		2	15.00			0.15	0.20	0.90	
	200.55	215.55		2	15.00			0.15	0.20	0.90	
	215.55	230.55		2	15.00			0.15	0.20	0.90	
	230.55	245.55		2	15.00			0.15	0.20	0.90	
	245.55	251.55		2	6.00			0.15	0.20	0.36	
	Rajarathnao park										
	0.00	15.00		2	15.00			0.15	0.20	0.90	
	15.00	30.00		2	15.00			0.15	0.20	0.90	
	30.00	45.00		2	15.00			0.15	0.20	0.90	
	45.00	60.00		2	15.00			0.15	0.20	0.90	
	60.00	73.10		2	13.10			0.15	0.20	0.79	
	73.10	88.10		2	15.00			0.15	0.20	0.90	
	88.10	103.10		2	15.00			0.15	0.20	0.90	

Asst. Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore - 92

Asst. Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore - 9

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	103.10	114.40		2	11.30			0.15	0.20	0.68	
	114.40	120.00		2	5.60			0.15	0.20	0.34	
	120.00	123.50		2	3.50			0.15	0.20	0.21	
	123.50	126.15		0	2.65			0.15	0.20	0.00	
	126.15	141.15		2	15.00			0.15	0.20	0.90	
	141.15	156.15		2	15.00			0.15	0.20	0.90	
	156.15	171.15		2	15.00			0.15	0.20	0.90	
	171.15	178.40		2	7.25			0.15	0.20	0.44	
	mahayogi vemanna										
	2nd coarse										
	0.00	15.00		2	15.00			0.20	0.40	2.40	
	15.00	30.00		2	15.00			0.20	0.40	2.40	
	30.00	45.00		2	15.00			0.20	0.40	2.40	
	45.00	59.60		2	14.60			0.20	0.40	2.34	
	59.60	74.60		2	15.00			0.20	0.40	2.40	
	74.60	89.60		2	15.00			0.20	0.40	2.40	
	89.60	104.60		2	15.00			0.20	0.40	2.40	
	104.60	119.60		2	15.00			0.20	0.40	2.40	
	119.60	134.60		2	15.00			0.20	0.40	2.40	
	134.60	149.60		2	15.00			0.20	0.40	2.40	
	149.60	164.20		2	14.60			0.20	0.40	2.34	
	164.20	165.70		0	-						
	165.70	180.70		2	15.00			0.20	0.40	2.40	
	180.70	195.70		2	15.00			0.20	0.40	2.40	
	195.70	210.70		2	15.00			0.20	0.40	2.40	
	210.70	225.70		2	15.00			0.20	0.40	2.40	
	225.70	240.70		2	15.00			0.20	0.40	2.40	
	240.70	255.70		2	15.00			0.20	0.40	2.40	
	255.70	260.90		2	5.20			0.20	0.40	0.83	
	260.90	275.90		2	15.00			0.20	0.40	2.40	
	275.90	279.30		2	3.40			0.20	0.40	0.54	
	279.30	282.90		0	-						
	282.90	294.70		2	11.80			0.20	0.40	1.89	
	Unnikrishnan park parlel park										
	0.00	15.00		2	15.00			0.20	0.40	2.40	
	15.00	30.00		2	15.00			0.20	0.40	2.40	
	30.00	32.70		2	2.70			0.20	0.40	0.43	
	32.70	47.70		2	15.00			0.20	0.40	2.40	
	47.70	62.70		2	15.00			0.20	0.40	2.40	
	62.70	77.70		2	15.00			0.20	0.40	2.40	
	77.70	92.70		2	15.00			0.20	0.40	2.40	
	92.70	107.70		2	15.00			0.20	0.40	2.40	
	107.70	118.80		2	11.10			0.20	0.40	1.78	
	118.80	122.45		0	-						
	122.45	137.45		2	15.00			0.20	0.40	2.40	
	137.45	152.45		2	15.00			0.20	0.40	2.40	

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 9

G-249-27

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
	152.45	167.45		2	15.00			0.20	0.40	2.40	
	167.45	182.45		2	15.00			0.20	0.40	2.40	
	182.45	185.55		2	3.10			0.20	0.40	0.50	
	185.55	200.55		2	15.00			0.20	0.40	2.40	
	200.55	215.55		2	15.00			0.20	0.40	2.40	
	215.55	230.55		2	15.00			0.20	0.40	2.40	
	230.55	245.55		2	15.00			0.20	0.40	2.40	
	245.55	251.55		2	6.00			0.20	0.40	0.96	
	Rajarathnao park										
	0.00	15.00		2	15.00			0.20	0.40	2.40	
	15.00	30.00		2	15.00			0.20	0.40	2.40	
	30.00	45.00		2	15.00			0.20	0.40	2.40	
	45.00	60.00		2	15.00			0.20	0.40	2.40	
	60.00	73.10		2	13.10			0.20	0.40	2.10	
	73.10	88.10		2	15.00			0.20	0.40	2.40	
	88.10	103.10		2	15.00			0.20	0.40	2.40	
	103.10	114.40		2	11.30			0.20	0.40	1.81	
	114.40	120.00		2	5.60			0.20	0.40	0.90	
	120.00	123.50		2	3.50			0.20	0.40	0.56	
	123.50	126.15		0							
	126.15	141.15		2	15.00			0.20	0.40	2.40	
	141.15	156.15		2	15.00			0.20	0.40	2.40	
	156.15	171.15		2	15.00			0.20	0.40	2.40	
	171.15	178.40		2	7.25			0.20	0.40	1.16	
									Total	293.25	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

26/10

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
20	Construction of Median and Island with Soil Taken from Borrow Areas Construction of median and Island above road level with approved material brought from borrow pits, spread, sloped and compacted as per clause 408. (KPWD SR 2021-22, Volume-III, Item No.4.30, Page No.25)										
	Sri Madivala Machideva Park										
	Enterance Path-Way										
	0.00	15.00		1	15.00	2.35	2.00	2.18	0.20	6.53	
	15.00	28.90		1	13.90	2.00	2.00	2.00	0.20	5.56	
	Extra portion for Benches										
	0.00	4.30		1	4.30	4.50	2.00	3.25	0.20	2.80	
	4.30	11.50		1	7.20	0.80	6.00	3.40	0.20	4.90	
									Total	19.78	cum

Assistant Executive Engineer
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
21	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (KWPD 2021-22, V-III,										
	Unnikrishnan Park										
	For unnikrishnan Cycle Track										
	0.00	15.00		1	15.00	1.85	1.85	1.85	0.23	6.38	
	15.00	30.00		1	15.00	1.85	1.85	1.85	0.23	6.38	
	30.00	45.00		1	15.00	1.85	1.85	1.85	0.23	6.38	
	45.00	60.00		1	15.00	1.85	1.80	1.83	0.23	6.30	
	60.00	75.00		1	15.00	1.80	1.80	1.80	0.23	6.21	
	75.00	90.00		1	15.00	1.80	1.80	1.80	0.23	6.21	
	90.00	104.50		1	14.50	2.00	2.90	2.45	0.23	8.17	
									Total	46.03	cum

Unit - 28.43

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultants

Assistant Engineer

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
22	Providing and laying Cement concrete pavement with 1:2:4 for commercial & residential building floors, hardpaths, footpaths using 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size, including finishing complete as per Engineer incharge. (KPWD SR 2021-22, Volume-II, Item No.9.4, Page No.59)										
	Sri Madivala Machideva Park										
	Enterance Path-Way										
	0.00	15.00		1	15.00	2.35	2.00	2.18	0.10	3.26	
	15.00	28.90		1	13.90	2.00	2.00	2.00	0.10	2.78	
	Benches										
				1	2.20			1.40	0.10	0.31	
				1	2.20			1.50	0.10	0.33	
				1	2.20			1.20	0.10	0.26	
				1	2.20			1.60	0.10	0.35	
				1	2.20			2.20	0.10	0.48	
				1	2.20			1.50	0.10	0.33	
	Unnikrishnan Park										
	For unnikrishnan Cycle Track										
	0.00	15.00		1	15.00	1.85	1.85	1.85	0.15	4.16	
	15.00	30.00		1	15.00	1.85	1.85	1.85	0.15	4.16	
	30.00	45.00		1	15.00	1.85	1.85	1.85	0.15	4.16	
	45.00	60.00		1	15.00	1.85	1.80	1.83	0.15	4.11	
	60.00	75.00		1	15.00	1.80	1.80	1.80	0.15	4.05	
	75.00	90.00		1	15.00	1.80	1.80	1.80	0.15	4.05	
	90.00	104.50		1	14.50	2.00	2.90	2.45	0.15	5.33	
	Vemana park										
	Benches			4	2.20	2.00			0.10	1.76	
				4	2.20	1.50			0.10	1.32	
				3	2.20	1.80			0.10	1.19	
				2	2.20	2.20			0.10	0.97	
	Plat farm for benches rajarathno park										
				1	2.20	1.20			0.10	0.22	
				1	2.20	1.50			0.10	0.22	
				1	2.20	1.35			0.10	0.22	
				2	2.20	2.20			0.10	0.44	
				1	2.20	1.70			0.10	0.22	
				2	2.20	1.80			0.10	0.44	
	valmiki park										
				6	2.10	1.50			0.10	0.95	
				1	2.10	1.20			0.10	0.25	
				3	2.10	1.35			0.10	0.85	
	raja rathno extra kerbs shoulde			1	13.50	0.20			0.10	0.27	
	for gazzebo			1	6.85 d			36.83	0.10	3.68	
									Total	**52.07**	Cum

Asst.Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
33	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3) (KPWD SR 2021-22, Volume-III, Item No.1.1 A, Page No.3) (Rs.118.00 per Cum) Cost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road Taking output 10 t load and lead 10 km = 100 t.km (KPWD SR 2021-22, Volume-III, Item No.1.4 A, Page No.3) (Rs.12.00 per t.km)									
	Vide qty from item no. 1								47.60	
	Vide qty from (item no.2 - item no.6)								157.75	
	Vide qty from item no. 3								526.29	
	Vide qty from (item no.4)								953.64	
								Total	1685.28	Cúm
34	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting upto 1.5 m depth (KPWD SR 2021-22, Volume-II, Item No.1.5.1, Page No.6)									
	Attur bus stop yalahanka									
	For column		3	0.80			0.80	1.20	2.30	
	plinth beam 1		2	11.80			0.60	0.60	8.50	
	plinth beam 2		3	1.00			0.60	0.60	1.08	
	krishna oil mill bus stop									
	For column		3	0.80			0.80	1.20	2.30	
	plinth beam 1		2	11.80			0.60	0.60	8.50	
	plinth beam 2		3	1.60			0.60	0.60	1.73	
	NCC Appartment doddaballapur main road bus stop									
	For column		3	0.80			0.80	1.20	2.30	
	plinth beam 1		2	11.80			0.60	0.60	8.50	
	plinth beam 2		3	1.60			0.60	0.60	1.73	
	shivamandir bus stop									
	For column		3	0.80			0.80	1.20	2.30	
	plinth beam 1		2	11.80			0.60	0.60	8.50	
	plinth beam 2		3	1.60			0.60	0.60	1.73	
								Total	49.46	Cúm

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

TEJUS CONSULTANTS

Consultant

Assistant Engineer

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
35	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (KWPD 2021-22, V-I, Item No.2.1.3, Page No.15)									
	Attur bus stop yalahanka									
	For column		3	0.80			0.80	0.15	0.29	
	plinth beam 1		2	11.80			0.60	0.15	2.12	
	plinth beam 2		3	1.90			0.60	0.15	0.51	
	floor		1	11.80			3.00	0.15	5.31	
	krishna oil mill bus stop									
	For column		3	0.80			0.80	0.15	0.29	
	plinth beam 1		2	11.80			0.60	0.15	2.12	
	plinth beam 2		3	1.90			0.60	0.15	0.51	
	floor		1	11.80			3.00	0.15	5.31	
	NCC Appartment doddaballapur main road bus stop									
	For column		3	0.80			0.80	0.15	0.29	
	plinth beam 1		2	11.80			0.60	0.15	2.12	
	plinth beam 2		3	1.90			0.60	0.15	0.51	
	floor		1	11.80			3.00	0.15	5.31	
	shivamandir bus stop									
	For column		3	0.80			0.80	0.15	0.29	
	plinth beam 1		2	11.80			0.60	0.15	2.12	
	plinth beam 2		3	1.90			0.60	0.15	0.51	
	floor		1	11.80			3.00	0.15	5.31	
							Total		32.94	cum

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
36	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17)									
	Attur bus stop yalahanka									
	For footing		3	0.80			0.80	0.45	0.86	
	pedestral		3	0.60			0.80	0.60	0.86	
	krishna oil mill bus stop									
	For footing		3	0.80			0.80	0.45	0.86	
	pedestral		3	0.60			0.80	0.60	0.86	
	NCC Appartment doddaballapur main road bus stop									
	For footing		3	0.80			0.80	0.45	0.86	
	pedestral		3	0.60			0.80	0.60	0.86	
	shivamandir bus stop									
	For footing		3	0.80			0.80	0.45	0.86	
	pedestral		3	0.60			0.80	0.60	0.86	
							Total		**6.91**	**cum**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

Assistant Exexutive Engineer

Pre Measurements

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
38	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR PLINTH BEAM, LIMTEL, ROOF BEAM & ROOF SLAB (GROUND FLOOR)									
	Attur bus stop yalahanka									
	For plinth beam		2	11.80			0.45	0.20	2.12	
	plinth beam 2		3	1.95			0.45	0.20	0.53	
	krishna oil mill bus stop									
	For plinth beam		2	11.80			0.45	0.20	2.12	
	plinth beam 2		3	1.95			0.45	0.20	0.53	
	NCC Appartment doddaballapur main road bus stop									
	For plinth beam		2	11.80			0.45	0.20	2.12	
	plinth beam 2		3	1.95			0.45	0.20	0.53	
	shivamandir bus stop									
	For plinth beam		2	11.80			0.45	0.20	2.12	
	plinth beam 2		3	1.95			0.45	0.20	0.53	
							Total		**10.60**	**cum**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

TEJAS CONSULTANTS Consultant

Assistant Engineer

Assistant Exexutive Engineer

44	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)(KWPD 2021-22, V-II, Item No.11.32, Page No.84)	

BAR-BENDING SCHEDULE for bus shelter

Sl.No	Dia. of Bar,mm	Descriptions	Shape				Nos	Length of Bar	Spacing	Length in Opp	No.of Bars	Total Length	Wt. in Kg/m	Total Wt. in kg	Total Weight in MT
1	**Attur bus stop yalahanka**														
	footing														
	Main BAR		12		3	0.700	0.150	0.60	5	10.500	0.889	9.333	0.009		
	Distribution Bar		12		3	0.700	0.150	0.60	5	10.500	0.889	9.333	0.009		
	column														
	Main BAR		16		3	1.700			8	40.800	1.580	64.474	0.064		
	Main BAR		12		3	1.700			8	40.800	0.889	36.267	0.036		
	Distribution Bar		8		3	2.000	0.150	1.45	11	64.000	0.395	25.284	0.025		
	Distribution Bar		8		3	1.400	0.150	1.45	11	44.800	0.395	17.699	0.018		
	plinth beam														
	Main BAR		12		2	11.950			4	95.600	0.889	84.978	0.085		
	Main BAR (Inner)		16		2	2.150			2	8.600	1.580	13.590	0.014		
	Main BAR (Inner)		16		2	3.750			6	45.000	1.580	71.111	0.071		
	Main BAR (Inner)		16		2	3.150			2	12.600	1.580	19.911	0.020		
	Distribution Bar		8		4	1.300	0.150	11.80	80	414.267	0.395	163.661	0.164		
	plinth beam 1														
	Main BAR		16		3	2.300			6	41.400	1.580	65.422	0.065		
	Distribution Bar		8		2	1.300	0.150	2.10	15	39.000	0.395	15.407	0.015		
2	**krishna oil mill bus stop**														
	footing														
	Main BAR		12		3	0.700	0.150	0.60	5	10.500	0.889	9.333	0.009		
	Distribution Bar		12		3	0.700	0.150	0.60	5	10.500	0.889	9.333	0.009		
	column														
	Main BAR		16		3	1.700			8	40.800	1.580	64.474	0.064		
	Main BAR		12		3	1.700			8	40.800	0.889	36.267	0.036		
	Distribution Bar		8		3	2.000	0.150	1.45	11	64.000	0.395	25.284	0.025		
	Distribution Bar		8		3	1.400	0.150	1.45	11	44.800	0.395	17.699	0.018		

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Assistant Executive Engineer
Yelahanka Zone
BBMP, Bangalore - 92

	plinth beam													
	Main BAR		12		2	11.950			4	95.600	0.889	84.978	0.085	
	Main BAR (Inner)		16		2	2.150			2	8.600	1.580	13.590	0.014	
	Main BAR (Inner)		16		2	3.750			6	45.000	1.580	71.111	0.071	
	Main BAR (Inner)		16		2	3.150			2	12.600	1.580	19.911	0.020	
	Distribution Bar		8		4	1.300	0.150	11.80	80	414.267	0.395	163.661	0.164	
	plinth beam 1													
	Main BAR		16		3	2.300			6	41.400	1.580	65.422	0.065	
	Distribution Bar		8		2	1.300	0.150	2.10	15	39.000	0.395	15.407	0.015	
3	**NCC Appartment doddaballapur main road bus stop**													
	footing													
	Main BAR		12		3	0.700	0.150	0.60	5	10.500	0.889	9.333	0.009	
	Distribution Bar		12		3	0.700	0.150	0.60	5	10.500	0.889	9.333	0.009	
	column													
	Main BAR		16		3	1.700			8	40.800	1.580	64.474	0.064	
	Main BAR		12		3	1.700			8	40.800	0.889	36.267	0.036	
	Distribution Bar		8		3	2.000	0.150	1.45	11	64.000	0.395	25.284	0.025	
	Distribution Bar		8		3	1.400	0.150	1.45	11	44.800	0.395	17.699	0.018	
	plinth beam													
	Main BAR		12		2	11.950			4	95.600	0.889	84.978	0.085	
	Main BAR (Inner)		16		2	2.150			2	8.600	1.580	13.590	0.014	
	Main BAR (Inner)		16		2	3.750			6	45.000	1.580	71.111	0.071	
	Main BAR (Inner)		16		2	3.150			2	12.600	1.580	19.911	0.020	
	Distribution Bar		8		4	1.300	0.150	11.80	80	414.267	0.395	163.661	0.164	
	plinth beam 1													
	Main BAR		16		3	2.300			6	41.400	1.580	65.422	0.065	
	Distribution Bar		8		2	1.300	0.150	2.10	15	39.000	0.395	15.407	0.015	
4	**Shivamandir bus stop**													
	footing													
	Main BAR		12		3	0.700	0.150	0.60	5	10.500	0.889	9.333	0.009	
	Distribution Bar		12		3	0.700	0.150	0.60	5	10.500	0.889	9.333	0.009	

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Engineer
Asst. Project Division
Yelahanka Zone
BBMP, Bangalore - 92

	column														
	Main BAR		16		3	1.700			8	40.800	1.580	64.474	0.064		
	Main BAR		12		3	1.700			8	40.800	0.889	36.267	0.036		
	Distribution Bar		8		3	2.000	0.150	1.45	11	64.000	0.395	25.284	0.025		
	Distribution Bar		8		3	1.400	0.150	1.45	11	44.800	0.395	17.699	0.018		
	plinth beam														
	Main BAR		12		2	11.950			4	95.600	0.889	84.978	0.085		
	Main BAR (Inner)		16		2	2.150			2	8.600	1.580	13.590	0.014		
	Main BAR (Inner)		16		2	3.750			6	45.000	1.580	71.111	0.071		
	Main BAR (Inner)		16		2	3.150			2	12.600	1.580	19.911	0.020		
	Distribution Bar		8		4	1.300	0.150	11.80	80	414.267	0.395	163.661	0.164		
	plinth beam 1														
	Main BAR		16		3	2.300			6	41.400	1.580	65.422	0.065		
	Distribution Bar		8		2	1.300	0.150	2.10	15	39.000	0.395	15.407	0.015		
												2385.88	**2.39**		
5	Binding wire 2%											47.72	0.05		
6	Laping & Westage 5 %											119.29	0.02		
											Total	**2552.89**	**2.46**	**107.330**	**274001.68**

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Contractor

TEJUS CONSULTANTS

Consultant

Assistant Engineer

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BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit / Remarks
48	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.									
	Mahayogi vemanna park side drain									
	RHS									
	0.00	15.00		1	15.00			0.40		6.00
	15.00	30.00		1	15.00			0.40		6.00
	30.00	45.00		1	15.00			0.40		6.00
	45.00	61.70		1	16.70			0.40		6.68
	sholder drain									
	0.00	10.50		2	10.50			0.40		8.40
	madivala park									
	0.00	15.00		1	15.00			0.20		3.00
	15.00	28.90		1	13.90			0.20		2.78
								total		38.86 sqm

Asst. Executive Engineer
Yelahanka Division No 7
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Contractor

Consultant

Assistant Engineer

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